

What is claimed is:

1. A condensate removal system for removing condensate from a fluid reservoir, said condensate removal system including:

a fluid conduit including a discharge leg having a first end and a second end, said first end adapted to be connected in fluid communication with the fluid reservoir, said second end including an outlet port, said discharge leg including a first segment extending from said first end toward said second end and a second segment located between said second end and said first segment, said first segment including a first bore having a first cross-sectional area and said second segment including a second bore having a second cross-sectional area, said second cross-sectional area being smaller than said first cross sectional area to inhibit evaporation of fluid within said discharge leg through said outlet port.

2. The condensate removal system of claim 1 wherein said second segment of said discharge leg includes said outlet port, said second segment being slidably attached to said first segment such that the position of the outlet port can be selectively adjusted.

3. The condensate removal system of claim 1 wherein said second segment of said discharge leg includes a seal mechanism, said seal mechanism including a seat and a seal member, said seal member adapted to engage said seat and create a seal therewith to inhibit evaporation of fluid within said discharge leg through said outlet port, said seal member adapted to disengage from said seat to allow fluid within said discharge leg to flow through said outlet port.

4. The condensate removal system of claim 3 wherein said seat is generally annular and said seal member is generally spherical.

5. The condensate removal system of claim 3 wherein said seal member comprises a flap pivotally attached to said discharge leg.

6. The condensate removal system of claim 1 wherein said second end of said discharge leg includes a spout, said spout including said outlet port.

7. The condensate removal system of claim 1 wherein said fluid conduit includes a collection leg, said collection leg including a first end adapted to be connected in fluid communication with the fluid reservoir and a second end adapted to be connected in fluid communication with said first end of said discharge leg.

8. A condensate removal system for removing condensate from a fluid reservoir, said condensate removal system including:

a fluid conduit including a discharge leg having a first end, a second end and a seal mechanism, said first end adapted to be connected in fluid communication with the fluid reservoir, said second end including an outlet port, said seal mechanism including a seat and a seal member, said seal member adapted to engage said seat to create a seal therewith to inhibit evaporation of fluid within said discharge leg through said outlet port, said seal member adapted to disengage from said seat to allow fluid within said discharge leg to flow through said outlet port.

9. The condensate removal system of claim 8 wherein said seat is generally annular and said seal member is generally spherical.

10. The condensate removal system of claim 8 wherein said seal member comprises a flap pivotally attached to said discharge leg.

11. A condensate removal system for removing condensate from a fluid reservoir, said condensate removal system including:

a fluid conduit including a discharge leg having a first end and a second end, said first end adapted to be connected in fluid communication with the fluid reservoir, said second end including an outlet port, said discharge leg including a first segment including said first end and a second

segment including said outlet port, said second segment being slidably attached to said first segment such that the position of said outlet port can be selectively adjusted.

12. The condensate removal system of claim 11 wherein said discharge leg includes a seal mechanism, said seal mechanism including a seat and a seal member, said seal member adapted to engage said seat to create a seal therewith to inhibit evaporation of fluid within the discharge leg through said outlet port, said seal member adapted to disengage from said seat to allow fluid within said discharge leg to flow through said outlet port.

13. The condensate removal system of claim 11 including a seal member slidably sealing said second segment to said first segment.

14. The condensate removal system of claim 11 wherein said first segment includes a first bore having a first cross-sectional area and said second segment includes a second bore having a second cross-sectional area, said second cross-sectional area being smaller than said first cross-sectional area.

15. A method of controlling a condensate removal system for removing condensate from a fluid reservoir containing a primary fluid, said method comprising the steps of:

providing a fluid conduit having a discharge leg including a first segment and a second segment, said first segment adapted to be connected in fluid communication with the fluid reservoir, said second segment including an outlet port, said second segment being slidably connected to said first segment;

moving said second segment with respect to said first segment to thereby adjust the elevation of said outlet port to a desired elevation with respect to the fluid reservoir as determined by the specific gravity of the primary fluid.

16. A method of controlling a condensate removal system for removing condensate from a fluid reservoir containing a primary fluid, said method comprising the steps of:

providing a fluid conduit having a discharge leg including a first end adapted to be connected in fluid communication with the fluid reservoir and a second end including an outlet port;

sealing said outlet port from said first end of said discharge leg to prevent evaporation of fluid within said discharge leg through said outlet port; and

breaking said seal between said outlet port and said first end of said discharge leg to allow fluid within said discharge leg to flow through said outlet port.

17. A method of controlling a condensate removal system for removing condensate from a fluid reservoir containing a primary fluid, said method comprising the steps of:

providing a fluid conduit having a discharge leg including a bore extending from a first end to a second end of said discharge leg, said first end adapted to be connected in fluid communication with the reservoir, said second end including an outlet port;

decreasing the cross-sectional area of said bore from a first cross-sectional area at said first end of said discharge leg to a second cross-sectional area adjacent said outlet port to inhibit evaporation of fluid with said discharge leg through said outlet port.